

REMARKS

Claims 1-3, 5-11 and 13-20 are pending in the application, with Claims 1, 9, 17 and 18 being independent. In this Amendment, Claims 1-3, 5-9, 11, 13, 14 and 16-19 have been amended.

In view of the amendments above and the remarks below, Applicants respectfully request reconsideration and allowance of the present application.

In the Office Action mailed February 7, 2005, Claims 1, 2, 5, 6, 8-10, 13, 14, and 16-20 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,172,719 (Kim), in view of Japanese Publication No. 06-062346 (Watanabe). Claims 3, 7, 11, and 15 were rejected under Section 103(a) over Kim, in view of Watanabe, and in further view of Japanese Publication No. 10-262198 (Isao). Applicants respectfully traverses these rejections. Nonetheless, to advance prosecution, Applicants have amended all of the independent claims to even more clearly recite their patentable features. At least as amended, Applicants submit that the independent claims are patentably distinguishable from the cited art.

Specifically, independent Claim 1 as currently amended is directed to a television system that has a terminal which receives a television program and outputs a signal having at least a pair of video and acoustic signals. An image display device connected to the terminal with a connection cable receives the signal from the terminal and displays a corresponding image. A first detection unit arranged in the image display device detects a first ambient environment around the image display device and a second detection unit arranged in the image display device detects a second ambient environment around the image display device. A transmission unit transmits a change in the first ambient environment detected by the first detection unit to the terminal through the connection cable. A first adjustment unit arranged in the terminal adjusts a first characteristic of the

image display device based on the transmitted change. A second adjustment unit arranged in the display device adjusts a second characteristic of the image display device based on a change of the second ambient environment detected by the second detection unit.

Independent Claims 9, 17 and 18 are directed to arrangements for controlling a television system having a terminal for receiving a television program and outputting a signal that has at least a pair of video and acoustic signals and an image display device connected to the terminal that receives the signal from the terminal and displays a corresponding image. According to the arrangements, a first ambient environment around the image display device is detected in a first detecting step executed in the image display device. A second ambient environment around the image display device is detected in a second detecting step executed in the image display device. A change of the first ambient environment detected in the first detecting step is transmitted to the terminal through the connection cable. A first characteristic of the image display device is adjusted in a first adjusting step based on the transmitted change. The first adjusting step is executed in the terminal. A second characteristic of the image display device is adjusted in a second adjusting step based on a change of the second ambient environment detected in the second detection step. The second adjustment step is executed in the image display device.

In Applicants' view, Kim discloses an automatic color temperature control device for a video appliance which can control the color temperature of a picture displayed on a screen so as to give the viewer the impression of being coolly refreshed when the environmental temperature is high, and the impression of being warmed when the environmental temperature is low. The device has a chromaticity sensing section for sensing environmental brightness and color of the appliance. A temperature sensing section senses an environmental temperature of the appliance. A processing section recognizes the environmental brightness, color, and temperature in accordance with sensed

signals outputted from the chromaticity sensing section and the temperature sensing section. Control signals are output to control a picture state of the appliance in response to the recognized environmental brightness, color, and temperature, and a video processor for controlling contrast, brightness, and color of a displayed picture in accordance with the control signals outputted from the processing section.

In Applicants' opinion, Watanabe discloses a television receiver that has a volume sensor and a voice control circuit. The volume sensor detects surrounding noise. The initially set volume is output from a speaker when there is no surrounding noise. When the volume sensor detects increasing surrounding noise, the volume control circuit controls a voice processing circuit so that the volume is increased and output from the speaker.

According to the invention defined in Claims 1, 9, 17 and 18 as currently amended, a television system has a terminal that receives a television program and outputs at least a pair of video and acoustic signals and an image display device connected to the terminal with a connection cable that receives the signals from the terminal and displays the corresponding image. First and second ambient environments are detected by first and second detectors in the image display device. Change in the first ambient environment is transmitted to the terminal through the connection cable and a first characteristic of the image display device is adjusted in the terminal based on the transmitted change. A second characteristic of the image display device is adjusted in the image display device based on a change of the second ambient environment detected by the second detector in the image display device. Advantageously even if the image display device is away from the terminal, necessary adjustments are performed properly in the appropriate one of the image display device and the terminal.

Kim may disclose an automatic color temperature control device that controls the color temperature according to detected environmental brightness and appliance color and environmental temperature of the appliance. The detection of environment and control in Kim is performed in a single apparatus (e.g., a video appliance controller or a television). There is, however, no disclosure in Kim of a television arrangement of an image display device and a remote terminal connected by a cable in which two different ambient environments are detected in the image display device and adjustment for one image display characteristic is performed in a remote terminal while the adjustment for another image display characteristic is performed in image display device as in Claims 1, 9, 17 and 18.

Watanabe has been cited as disclosing a television receiver having a sound-volume detection sensor, a sound-volume control circuit which produces a volume control signal responsive to the sensor, a photosensor in the television receiver that detects surrounding brightness and a brightness control responsive to the photosensor detection. According to our understanding, Watanabe only provides volume control based on detected surrounding noise. Two detection means of Watanabe are cited as being in the television receiver.

In contrast to the cited Watanabe's volume and photosensor detectors and adjusters in a television receiver, it is a feature of Claims 1, 9, 17 and 18 that a first ambient environment detector in an image display device is connected by a cable to an adjusting unit in a remote terminal which adjusts a first characteristic based on the change in the first ambient environment transmitted to the terminal. A second adjusting unit in the image display device adjusts a second characteristic of the image display device based on the second ambient environment detected by a second detecting unit in the image display device. Watanabe fails in any manner to suggest an arrangement of a remote terminal

connected by cable to an image display device wherein adjustment of one image display device characteristic is controlled by the remote terminal in response to detection of a first ambient environment surrounding the image display device and adjustment of another image display characteristic is controlled in the image display device in response to detection of a second ambient environment surrounding the image display device in the image display device.

With regard to the cited combination, Neither Kim nor Watanabe in any way teaches or suggests the feature of Claims 1, 9, 17 and 18 of two detection means to detect first and second ambient environments surrounding an image display device arranged in the image display device and a first image display device adjusting means in a terminal connected by cable to the image display device to adjust a first characteristic of the image display device based on a detected change in a first ambient environment surrounding the image display device transmitted to the terminal and a second image display adjusting means in the image display device to adjust a second characteristic of the image display device based on a change in a second ambient environment surrounding the image display device. Accordingly, it is not seen that the addition of Watanabe's volume sensor and brightness sensor in a television receiver to control volume and brightness of the television receiver added to Kim's chromaticity and temperature sensing sections for color temperature adjustment in a single controller for a video appliance could possibly suggest the features of Claims 1, 9, 17 and 18 of suitable adjusting in a terminal and an image display device based on the characteristic to be adjusted. It is therefore believed that Claims 1, 9, 17 and 18 as currently amended are completely distinguished from any combination of Kim and Watanabe and are allowable.

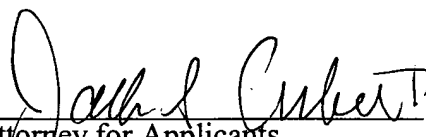
A review of the other art of record has failed to reveal anything which, in Applicants' opinion, would remedy the deficiencies of the art discussed above, as references against the independent claims herein. Those claims are therefore believed patentable over the art of record.

Moreover, Applicants submit that the dependent claims are patentably distinguishable from the cited art for at least the reasons discussed above for the independent claims. In addition, Applicants submit that the dependent claims recite additional features further distinguishing them from the cited art, and respectfully request individual consideration of each dependent claim.

In view of the foregoing, Applicants submit that the application is in condition for allowance. Favorable reconsideration and early passage to issue are respectfully requested.

Applicants' attorney, Daniel S. Glueck, may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


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